

Engine: Lyc O-320-F2A

N561311 12/23/2021

SN.1-25716-27A

Tach: 1634.19

YEAR

TACH

TIME

Performed compr  
valve. Removed cy  
(SN: 11120-1) cylir  
Performed test flig  
Lycoming Direct D

# SERVICEABLE

DATE 12/17/2021

OWNER Terry Sikes

PART # WD-12416

MANUFACTURER Lycoming

MODEL O-320

SERIAL # 11120-1

## WORK PERFORMED:

- EX-GUIDE REPLACED
  - INT-SEAT REFACED
  - EX-PORT REFACED
  - CYL INSP. - CRACKS
  - CYL REPAIRED
  - PAINTED
  - CYL BARREL
- Standard Nitride*



Engine: Lyc O-320-E2A  
Tach: 1634.19

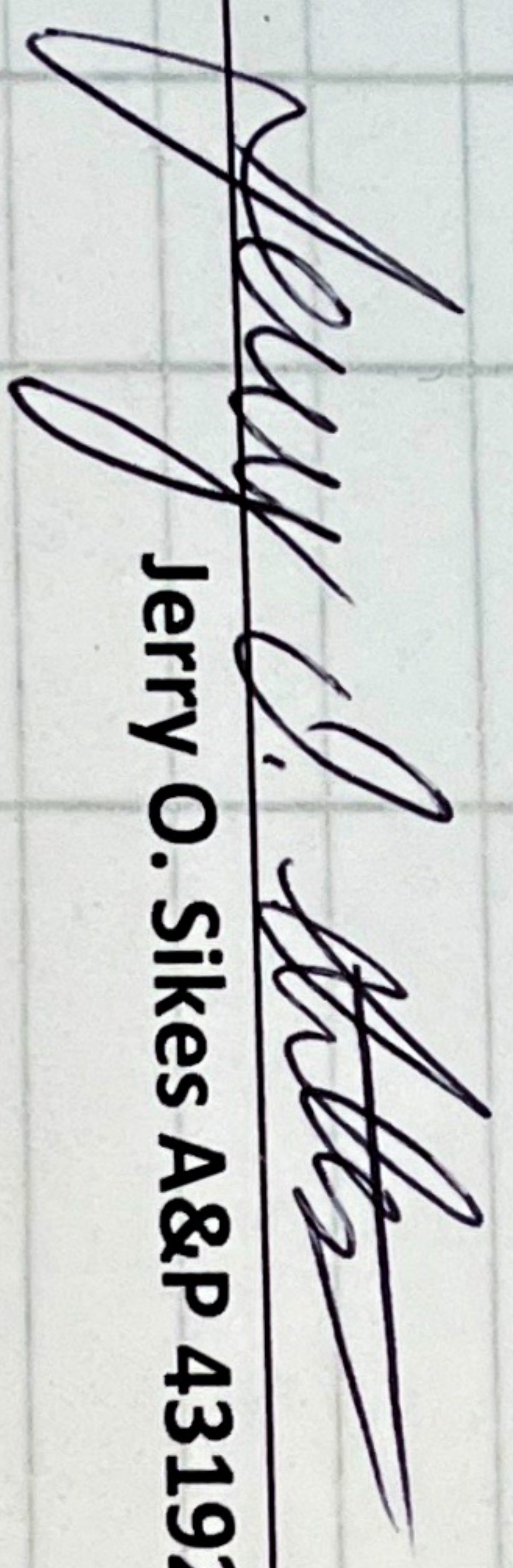
N5613U 12/23/2021

SN: L-25716-2/A

SMOH: 1418.83

nd Alterations  
cate Number of  
specific entries.)

Performed compression check and cylinder #2 was below satisfactory due to a burnt valve. Removed cylinder and installed an overhauled Standard Nitride (PN: LW-12416) (SN: 11120-1) cylinder sent from Don George Aircraft with all new seals/ gaskets. Performed test flight with no discrepancies noted. All work done IAW a O-320 Lycoming Direct Drive Overhaul Manual. -----END-----



Jerry O. Sikes A&P 4319221

Perry Air Maintenance – 478-284-0880











# SERVICEABLE

DATE June 9, 2022

OWNER \_\_\_\_\_

PART # SL32006 V4

MANUFACTURER Hyper Air Pat

MODEL 0320-E2A

SERIAL # 11345-1

## WORK PERFORMED:

- |                   |                                     |                    |                                     |
|-------------------|-------------------------------------|--------------------|-------------------------------------|
| EX-GUIDE REPLACED | <input checked="" type="checkbox"/> | INT-GUIDE REPLACED | <input checked="" type="checkbox"/> |
| EX-SEAT REFACED   | <input checked="" type="checkbox"/> | INT-SEAT REFACED   | <input checked="" type="checkbox"/> |
| CYL HONED         | <input checked="" type="checkbox"/> | EX-PORT REFACED    | <input checked="" type="checkbox"/> |
| NEW EX-STUDS      | <input checked="" type="checkbox"/> | CYL INSP. - CRACKS | <input checked="" type="checkbox"/> |
| PAINTED           | <input checked="" type="checkbox"/> | CYL REPAIRED       | <input checked="" type="checkbox"/> |

CYL BARREL STD Nitride



(Signature of authorized representative)

Signed

repair station under Work Order No. 11345  
Date 6-5-2022  
"Pertinent details of the repair are on file at this repair station under Work Order No. 11345"  
inspected in accordance with rules of the Federal Aviation Regulations and is approved for those requirements. per those requirements.

# SERVICEABLE

DATE June 9, 2022

OWNER \_\_\_\_\_

PART # SL32006W

MANUFACTURER Super Air Parts

MODEL 0320-E2A

SERIAL # 11345-2

## WORK PERFORMED:

- EX-GUIDE REPLACED  INT-GUIDE REPLACED
- EX-SEAT REFACED  INT-SEAT REFACED
- CYL HONED  EX-PORT REFACED
- NEW EX-STUDS  CYL INSP. - CRACKS
- PAINTED  CYL REPAIRED
- CYL BARREL STD Nitride

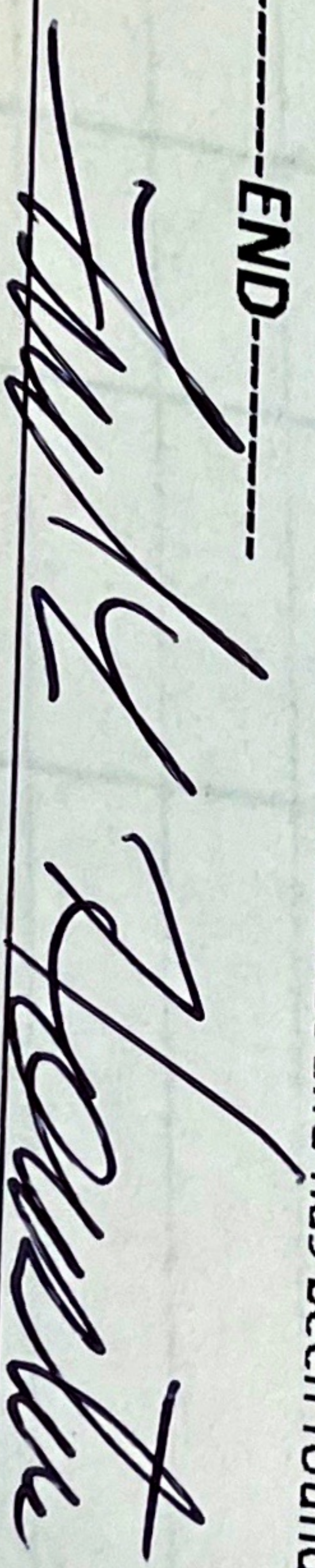


Engine: Lyc O-320-E2A  
Tach: 1709.63

N5613U 06/15/2022

SN: L-25716-27A  
SMOH: 1494.2

Performed Compression Check with all values over 80: #1 11 #2 79 #3 65 #4 51. Cylinders #1 and #2 found to have excessive blow by thru the exhaust valve. Installed overhauled cylinders (PN: SC32006W) from Don George Aircraft. Cylinders came with new gaskets and seals. Installed and torqued cylinders in sequence IAW an O-320 Lycoming Direct Drive Overhaul Manual. Installed new Marvel Schebler Carburetor (PN: 10-5009) (SN: MSOV2Y05). Adjusted Idle/ Air Mixture. Cleaned, tested, gapped, and rotated all spark plugs. Installed all new spark plug gaskets (PN: M-674). Changed engine oil using 7 quarts AeroShell 100 Mineral Oil and a Champion (PN: CH48110-1) oil filter. Oil Analysis taken and sent off for inspection. Verified engine timing. Inspected exhaust system. Ads checked thru T-DATA 2022-12. I certify this Powerplant has been inspected IAW a Detailed Annual Inspection Checklist and has been found to be in airworthy condition. -----END-----



Fred L. Houston A&P 4319221 IA

d Alterations  
ate Number of  
pecific entries.)







YEAR 2023 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> <small>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)</small>
12/28/23	1802.35			Removed and replaced #1 cylinder using an overhauled cylinder sent by Don George Aircraft. New cylinder P/N: 758108. Replaced all gaskets for cylinder #1. Serviced engine using 8 qts of AeroShell 100 mineral oil & a temperst 9948111-01 Filter. Cut open old filter with no discrepancies noted. All work done IAW an O-320 Overhaul & MM — EVID — Andrew D. [Signature]

N5613U TACH: 1807.11 TTAF: 6971.31 DATE: 3/30/2023  
 Lycoming O-320-E2A SN: L-25716-27A SMOH: 1591.68  
 Completed 100HR Inspection IAW FAR 43 appendix D referencing  
 Lycoming SM and Piper SM. Compression checks: 1-74/80, 2-74/80,  
 3-72/80, 4-74/80. Changed oil, AeroShell 100 mineral oil.  
 Cleaned and inspected 8ea spark plugs.  
 Verified all Airworthiness Directives complied

with at this time. MOC and leak check completed with no faults found. I certify that this engine was inspected IAW a 100HR inspection and is found airworthy at this time.

Andrew White [Signature]  
 A&P 4160816